

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 12-2004)

ATTORNEY'S DOCKET NO.

310134.401USPC

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unknown

**10/519518**

INTERNATIONAL APPLICATION NO.

PCT/GB2003/002756

INTERNATIONAL FILING DATE

June 27, 2003

PRIORITY DATE CLAIMED

June 28, 2002

TITLE OF INVENTION

**ELECTROCHEMICAL SENSING USING AN ENZYME ELECTRODE**

APPLICANT(S) FOR DO/EO/US

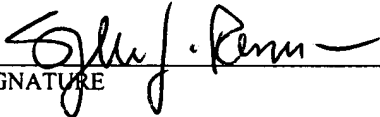
**Brian Philip ALLEN, Xiao-Feng ZHOU and Richard GILBERT**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>Unknown</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB2003/002756</b>		ATTORNEY'S DOCKET NUMBER <b>310134.401USPC</b>	
<b>21. The following fees are submitted:</b>					
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee ..... \$500.00				\$300.00 \$200.00 \$500.00	
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>= \$1000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof (round up to a whole number)</b>	<b>RATE</b>		
47 - 100 =	00/50 =		X \$250.00	\$ .00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
<b>Claims</b>	<b>Number Filed</b>	<b>Number Extra</b>	<b>Rate</b>		
Total Claims	41- 20 =	21	x \$ 50.00	\$1050.00	
Independent Claims	6 - 3 =	3	x \$ 200.00	\$600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$360.00	
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>= \$3140.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ .00	
<b>SUBTOTAL</b>				<b>= \$3140.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
				\$ .00	
<b>TOTAL NATIONAL FEE</b>				<b>= \$3140.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
				\$ .00	
<b>TOTAL FEES ENCLOSED</b>				<b>= \$3140.00</b>	
				<b>Amount to be refunded:</b>	
				<b>Amount to be Charged:</b>	
a. <input checked="" type="checkbox"/> A check in the amount of <b>\$3,140</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <b>19-1090</b> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>19-1090</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>					
<b>SEND ALL CORRESPONDENCE TO:</b>					
<b>Stephen J. Rosenman, Ph.D.</b> Seed Intellectual Property Law Group PLLC 701 5 <sup>th</sup> Avenue, Suite 6300 Seattle, WA 98104-7092 United States of America (206) 622-4900			<div style="text-align: center;">           SIGNATURE       </div> <div style="text-align: center;"> <b>Stephen J. Rosenman, Ph.D.</b>          NAME       </div> <div style="text-align: center;"> <b>43,058</b>          REGISTRATION NUMBER       </div>		

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